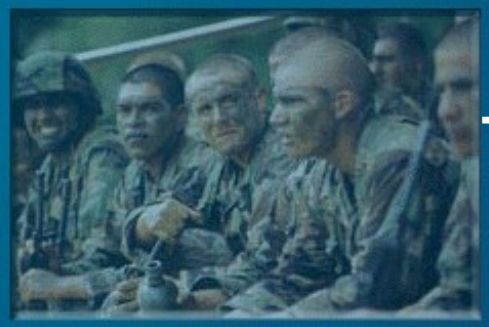


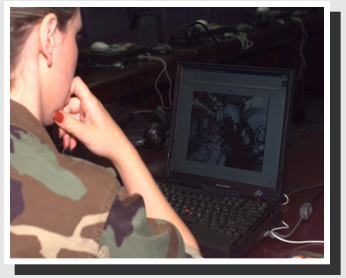
LTC Charsagua

Training Development & Analysis Directorate
TRADOC Program Integration Officer-
The Army Distance Learning Program

AF ADL Conference

United States Army Training & Doctrine Command
Office of the Deputy Chief of Staff for Training
FT Monroe, Virginia

Army Distance Learning



"To improve readiness by the delivery of standardized individual, collective, and self-development training to soldiers and units any time and any place through the application of multiple means and technologies."

Army Distance Learning Plan
April 1996
Updated in 98
Updated in 99
In Draft for 00

CSA Approved

http://www.tadlp.monroe.army.mil

TADLP Strategy

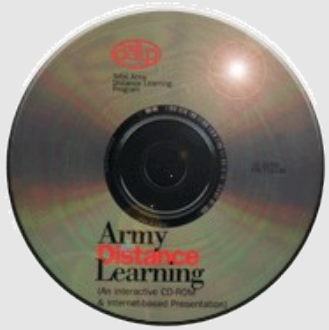
TADLP Effort is Focused On:

- Readiness Driven-Duty MOS Qualification.
- Early Focus on NCOES and Skill Level 10 Reclass.
- Officer Professional Development Courses.
- Functional Area Training (BSNCOC).
- 26 Army Division Redesign Study (ADRS) MOSQ/ NCOES Courses are funded and in production.
- More training to meet individual and unit training needs.
- Focus on Web based Technology.
- Respond to customer needs.
- Early fielding of select DTFs to facilitate IBCT training.

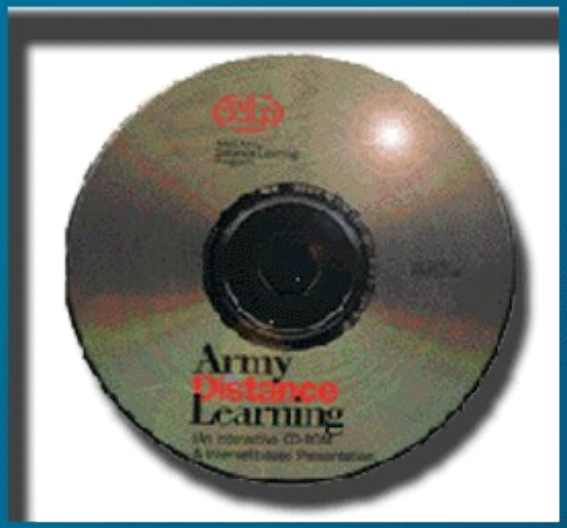
TADLP Execution Goals

- **TADLP Goals:**
  - **525 Courses slated for redesign to DL by FY2010**
    - **SCORM compliant**
  - **815 TADLP & DTTP DTFs planned for 95% coverage of the Army (AC & RC)**
    - **Full Interconnectivity & Capability**
  - **Deployed Training & Real Time Simulations under development**

Execution of the Plan to Date



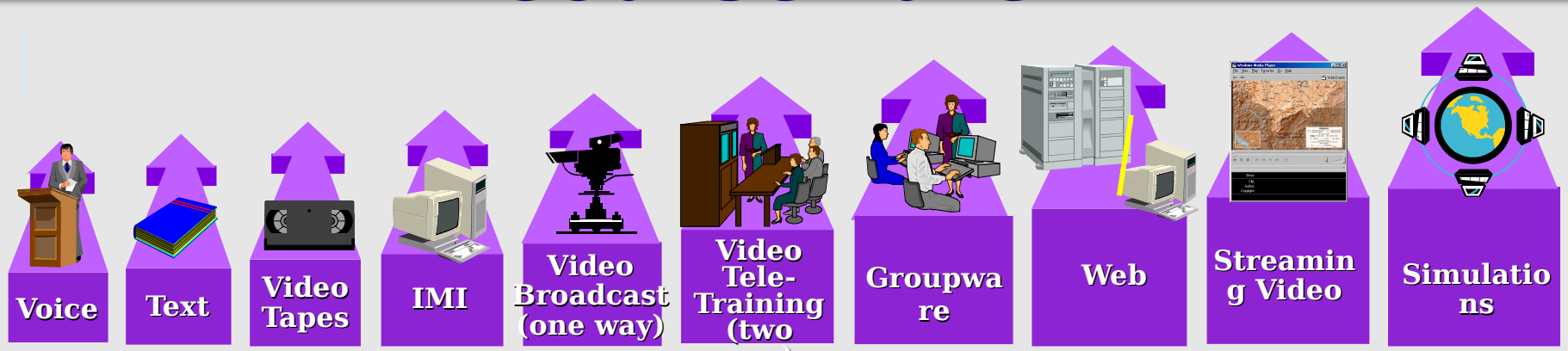
- ***Courseware:***
  - **82 DL modules currently on ATRRS**
  - **68 funded, completed or nearing completion, for FY98-99**
  - **11 funded in FY99 for unit DL products**
  - **23 funded for FY00 (ADRS, NCOES, SCORM compliant)**
  - **13 TADLP funded TATS courses**
- ***TADLP Facilities:***
  - **176 Block 1 DTFs approved for FY00**
    - **152 completed to date**
    - **125 fully operational DTFs**
  - **59 Block 2 DTFs approved to date**
    - **30 Block 2 DTFs in progress**



DL Courseware

- Selection
- Capabilities
- Products

Distance Learning Courseware



Army Is Covering the Entire Spectrum From Podium to Web Delivery

Pre TADLP | **TADLP Block 1&2** | **TADLP Block 3&4** | **Block 6**

Industry and State of the Art

Advanced Distributed Learning

SCORM- Postures Courseware for the future

Courseware Redesign Status

FISCAL YEAR	NUMBER OF COURSES	UNDER DEVELOPMENT	UNDER VALIDATION	TRAS	TRAINING AVAILABLE
FY98	37	--	15	10	12
FY99	34 (11 Unit Training Products)	12	11	10	1 (11 Unit Training Products)
FY00	27	27	--	--	--
Totals	**98 (11 Unit Training Products)**	**39**	**26**	**20**	**13 (11 Unit Training Products)**

Battle Staff NCO Course:

- DL delivery of the BSNCOC began in FY98.
- Course is delivered in 2 phases.
- Phase I is 60 days of asynchronous paper based instruction at soldiers location.
- Phase II is conducted either in residence at FT Bliss or DL via VTT at remote locations.
  - BSNCOC has been successfully delivered to soldiers in CONUS.
  - BSNCOC has been delivered to soldiers deployed to Bosnia, Kosovo & Germany.
- This course cost $759K to develop & realizes an approximate cost avoidance of $2.9M a year.

VTT

MLRS Virtual Sand Table

- Software playable on PC's
- Scenario-based training / instructor sets conditions
- Intelligent tutor:
  - Student- / context- sensitive
  - Real-time diagnosis/ feedback
  - Student modeling
  - Detailed record
- Terrain data base w/ 3-D visuals for virtual ground recon

Evaluation
ARI study shows VST students out-perform students trained on conventional sand table

Training Application:
Recon, Selection, & Occupation of Position
FACCC, OBC, ANCOC, BNCOC, WOAC + DL

CD ROM/ HYBRID

Visual Aircraft Recognition Website

- ADA sponsored courseware.
- Excellent sustainment training for ADA gunners.
- Tests skills & informs users.
- High resolution graphics delivered quickly.
- Instant feedback with online quiz.
- Hall of Fame competition facilitates interest & exciter

INTERNET

Visual Aircraft Recognition

Armor Captain Career Course-RC:

- Currently being run in a pilot status.
- The AC3-RC (DL) consists of 3 phases.
- Phase I is delivered via the Internet & is entirely asynchronous. This is the knowledge based *crawl* phase.
- Phase II is also delivered via the Internet but is synchronous. Students collaborate in a virtual TOC environment. This is the *walk* phase.
- Phase III is conducted during a 2 week ADT. Exercises are conducted at FT Knox in simulators & local training areas.
- Ongoing validation being conducted by ARI.

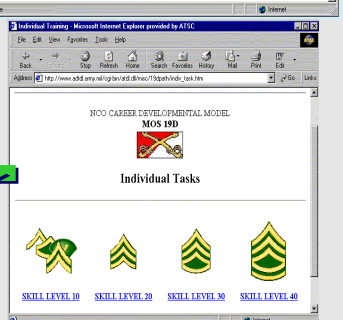
1999 Excellence Award For DL Programs in The Government

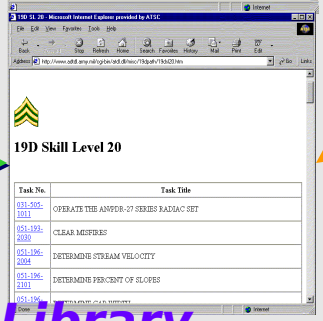
INTERNET

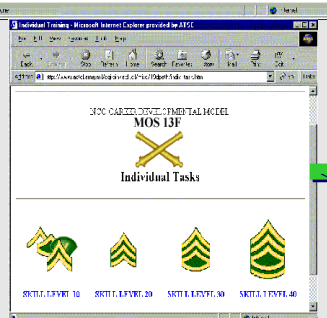
Reimer Digital Library, Reusability & Career Management Maps

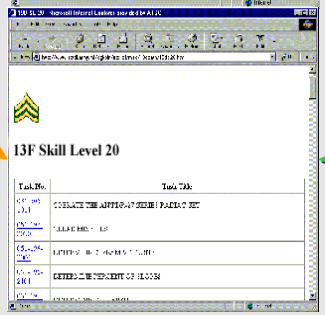
- This model closely mirrors cutting edge industry trends!
- Facilitates module reusability but maintains user specific qualities!
- Screen shots to right are only two examples of universal applicability to MOSs.
- Screenshots depict the easily navigable hierarchy of pages user will access to track their career and to access FMs, GTAs, and various online courses.

Instant worldwide access 24 hours a day









• Field Manuals	461
• Correspond Courses	59
• TATS Courses	86
• Course Materials	8
• Common Core TSP	178
• Mission Tng Plans	180
• Soldier Tng Product	145
• Graphic Tng Aids	273
• Training Circulars	65
• Joint Publications	35
• USAF Pubs	115
• USMC Pubs	49
• Navy Pubs	30
• Coast Guard Pubs	8
• Acronyms	36,915

SCORM, XML scripting & Army Training Information Architecture (ATIA) facilitates reusability of "Learning Objects."

19D Demo

11B Demo

Reimer Digital Library

Deployed Training

- Successes
- Capabilities
- Locations
- Collaboration

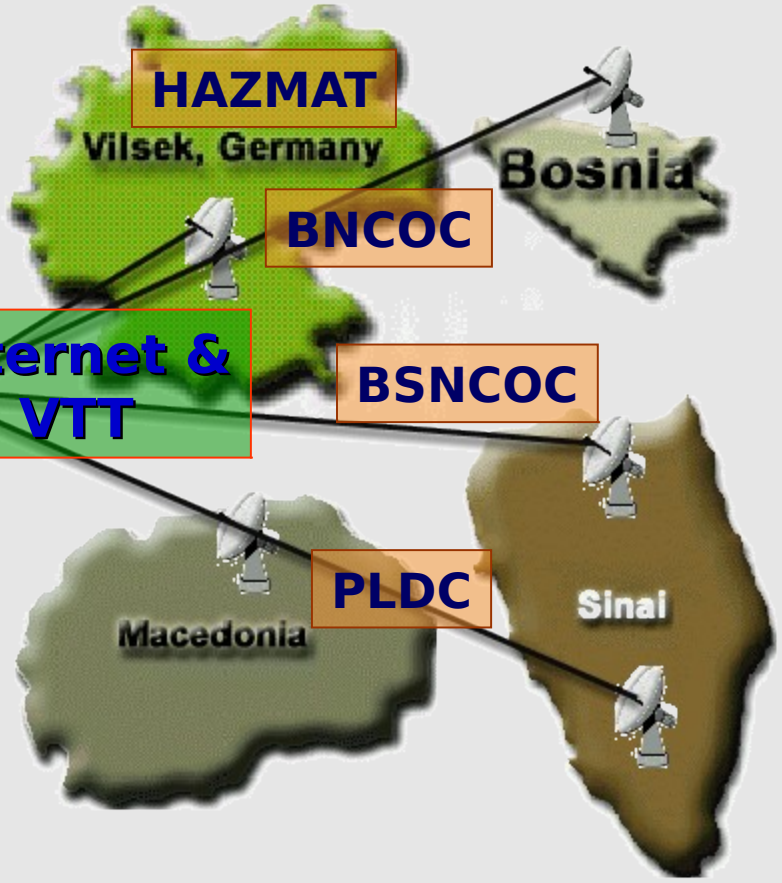
Deployable Training *Campus*

- Mission Readiness Training
- Professional Development Training
- Sustainment Training
- Exchange Lessons Learned
- Link Deployed

Linkable Sites:

- 187 TADLP & DTTP Sites
- 250 MEDCOM Sites
- 46 USAF Sites
- 40 Universities
- 30 Contractor Sites
- 2000+ Misc. Sites

Deployed Sites:



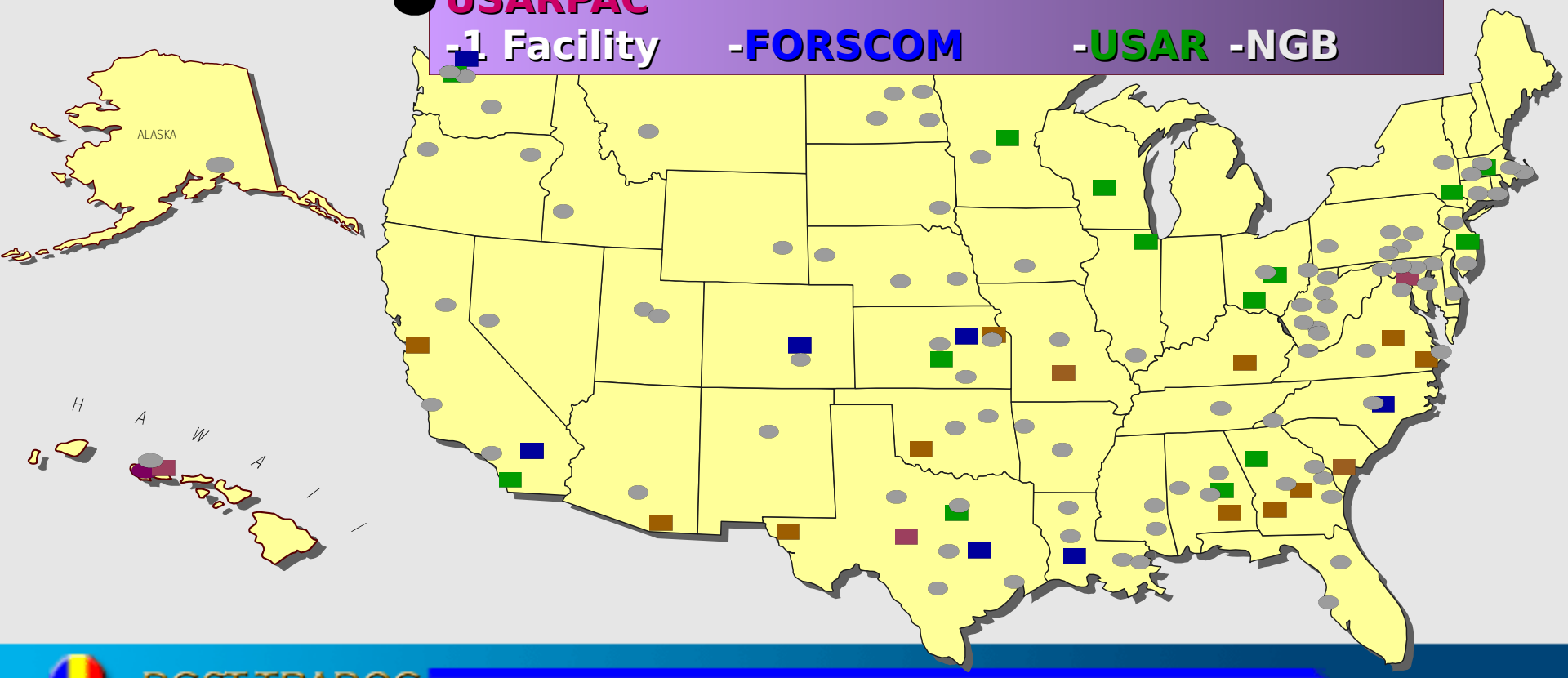
Digital Training Facilities

- PM TADLP Schedule/Blocks
- DTF Fielding Progress
- DTF Capabilities

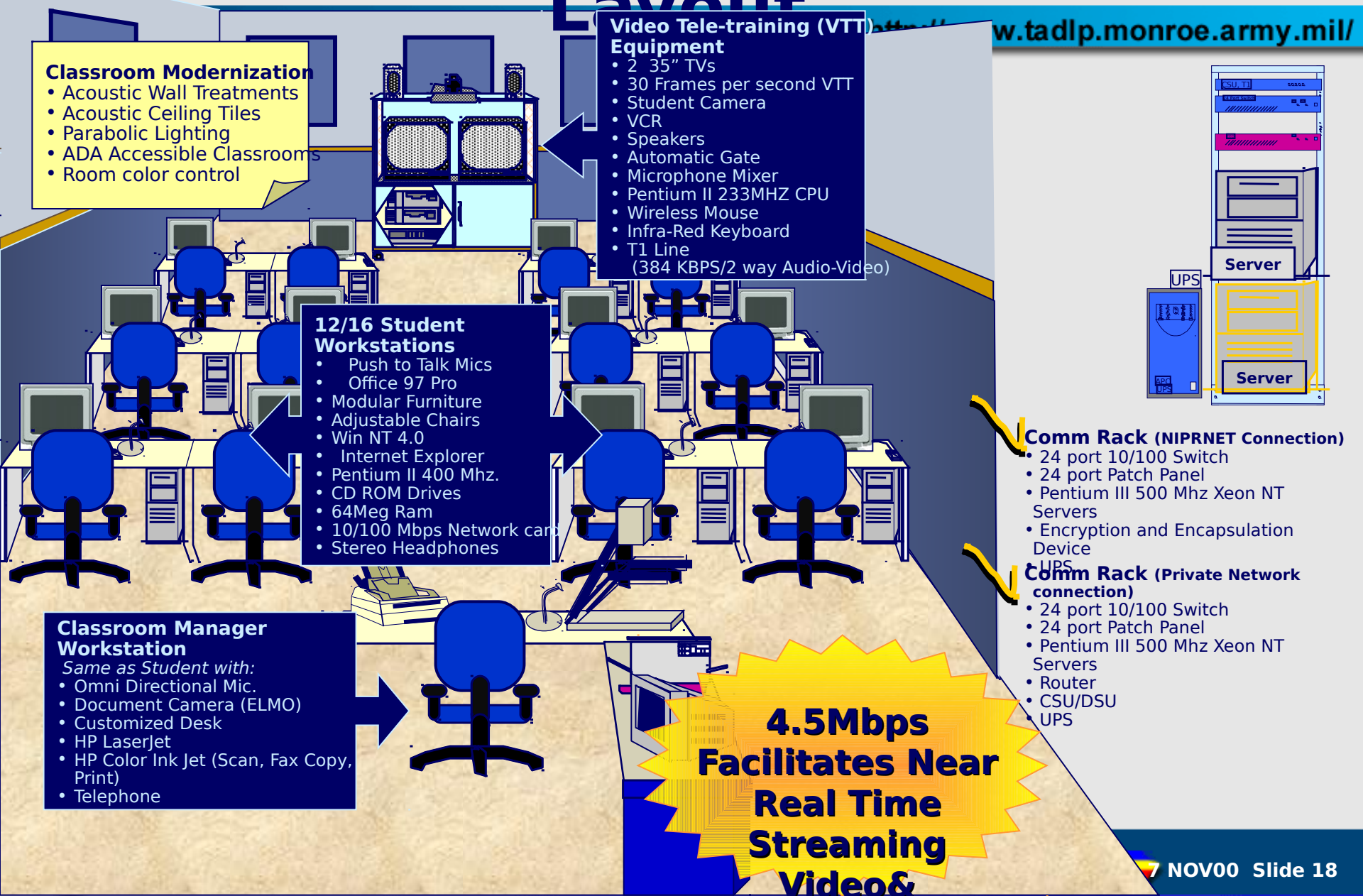
Digital Training Facility Update

125 TADLP Digital Training Facilities fielded as of C
249 DTTP Digital Training Facilities fielded as of O

- -3 Facilities -TRADOC -AMC, MEDCOM, USARPAC
- -1 Facility -FORSCOM -USAR -NGB



Digital Training Facility Layout



Benefits

Leveraging Information Age Technologies in Training……

- Improved Readiness
- Continuous Training Environment Throughout Career
- Blurs Distinction Between Training and Operating Environment
- Facilitates Development and Distribution of Critical Training
- Reduces Time Soldiers Are Away From Unit/Home
- Training Efficiencies By Use Of Multimedia
- Significant Training Cost Savings
- Provides Standardized RC and AC Training
- Places FM's and Reference Materials at Users Fingertips
- Accessibility to Online Higher Education Courses
- Quicker & Wider Dissemination of Updated Training Materials
- More Realistic Simulations with Many More Real Life Players

DL Links & Points of Contact

DL Links

The Army Distance Learning Program (TADLP)- http://www.tadlp.monroe.arm
TADLP PM- http://www.peostamis.belvoir.army.mil/tadlp/index.htm
OSD Advanced Distributed Learning- http://www.adlnet.org/
Army National Guard DL- http://www-ngb5.ngb.army.mil/tng/arngdl.htm
ATSC- http://www.atsc.army.mil/
Reimer Digital Library- http://www.adtdl.army.mil/atdls.htm
US Army Publishing Agency- http://www.usapa.army.mil/

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